



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL - 60604-3590

US EPA RECORDS CENTER REGION 5



REPLY TO THE ATTENTION OF:

July 15, 1996

SR-6J

John Seymour, P.E.
Woodward-Clyde Consultants
38777 W. Six Mile Rd., Ste. 200
Livonia, MI 48154

Re: Approval with Modifications of the Remedial Design Workplan for the Albion-Sheridan Township Landfill Superfund Site

Dear Mr. Seymour:

U.S. EPA has completed its review of the revised RD Work Plan and by this letter approves it, with the following modifications:

Work Plan

Figure 3 (Project Schedule): A date for finalizing institutional controls for the site must be added to the schedule. Items 43 and 49 must read "Agency Approval". Also, I recommend that you add a note to the figure that the obligation to perform tasks scheduled to start after Agency approvals will be adjusted to reflect the actual date of the approval.

Page 3-5 (first paragraph): Monitoring well "155B" must be corrected to "15SB".

Page 7-2: Two copies of design submittals must be sent to EarthTech. Also, my mail code is now SR-6J and Kim Sakowski's zip code is 48933.

Field Sampling Plan

Page 4-6: DO and Eh must be added as field parameters and the mercury sample should be filtered. DO and Eh are the parameters which correlate best with the major contaminant of concern in the groundwater (arsenic). Under the Contract Laboratory Program, mercury is commonly handled the same way as the other metals, i.e. filtered if they are filtered, and this is what was done on this site during the Remedial Investigation.

SOP 1, Section 3:

- * The material and diameter of the temporary casing must be specified.
- * The local public water supply which is being used for drilling must be sampled and analyzed for the contaminants of concern.

- * Monitoring well "155B" must be corrected to "15SB".
- * A method must be included to confirm that the well has reach competent bedrock, e.g., split spoon sampling, coring, or logging.

SOP 1, Section 5: Bumper posts are required for at least MW15 due to regular ATV traffic on this property on the weekends. The existing wells at MW9 are already protected by posts, but additional posts may be necessary for the new well at this location. I or my representative will determine in the field whether posts are required at MW16.

QAPP

Table 7-1: The SOP numbers LM-WALN-# on this table do not match the numbers on the SOPs and must be corrected. The SOP number given for cyanide distillation is for the cyanide automated method. Either the SOP number or the method name must be corrected.

Table 7-2: The SOP numbers LM-WALN-# on this table do not match the numbers on the SOPs and must be corrected.

You indicate in your June 18 letter that monitoring well abandonment will be included in the RA Work Plan. That is acceptable, but be aware that you will likely have to mobilize a drill rig and it may be more cost effective to do it during pre-design. We recommend that you overdrill the existing wells and grout the boreholes using a tremmie pipe from the bottom up. Properly abandoning the boreholes is especially critical with the leachate wells.

Please submit revised pages indicating the modifications required above within 21 days of your receipt of this letter, or sooner so that we can keep to the Work Plan schedule. If you have any questions, please call me at (312) 886-4696.

Sincerely yours,



Leah H. Evison
Remedial Project Manager

cc: Kurt Lindland, EPA/ORC
Elizabeth Bartz, EarthTech
Kim Sakowski, MDEQ